

Form PTO - 1449 U.S. DEPT. OF COMMERCE
PATENT AND TRADEMARK OFFICE (Form 1)ATTY. DKT. NO.
MCKY-1-21862
LAMA-1-21862SERIAL NO.
10/688,865

APPLICANT

Prochazka, A.

FILING DATE

10/17/03

GROUP

2121

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
ROH	U1	4,207,959	06/17/80	Youdin, et al.	180	167	06/02/78
ROH	U2	4,629,424	12/16/86	Lauks, et al.	433	6	08/30/84
ROH	U3	4,865,610	09/12/89	Muller	623	24	03/21/84
ROH	U4	5,054,079	10/01/91	Frielingsdorf, et al.	381	151	01/25/90
ROH	U5	5,233,662	08/03/93	Christensen	387	70	11/05/91
ROH	U6	5,523,745	06/04/96	Fortune, et al.	340	825.19	04/18/94
ROH	U7	5,562,707	10/08/96	Prochazka, et al.	607	2	03/22/95
ROH	U8	5,689,246	11/18/97	Dordick, et al.	340	825.19	11/14/96
ROH	U9	5,730,151	03/24/98	Summer, et al.	128	777	06/27/96
ROH	U10	5,812,978	09/22/98	Nolan	704	275	12/09/96
ROH	U11	5,989,023	11/23/99	Summer, et al.	433	69	12/31/98
ROH	U12	6,107,922	08/22/00	Bryuzgin	340	576	07/14/99
ROH	U13	6,222,524	04/24/01	Salem, et al.	345	157	08/25/97
ROH	U14	6,463,157	10/08/02	May	381	151	12/28/98

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
ROH	F1	GB 1,150,125	04/30/69	United Kingdom	H04B	38168	Yes	
ROH	F2	GB 2,236,874	33344	United Kingdom	G06F	38047	Yes	
ROH	F3	GB 2,254,677	33890	United Kingdom	G06F	38047	Yes	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ROH	01	Crago, P. E., Peckham, P. H., Mansour, J. M., Lan, N., Kilgore, K. and Chizeck, H. J. (1991) "II. Control of Neuroprostheses." In "Functional Neuromuscular Stimulation for Restoration of Hand Grasp." 8 th Progress Report, NIH Contract NO1-NS-9-2356, 19-23. Case Western University & MetroHealth Medical Center. September 1991.
ROH	02	Crago, P. E., Peckham, P. H. Mansour, J. M., Lan, N., Kilgore, K. and Chizeck, H. J. (1991). "II. Control of Neuroprostheses." In "Functional neuromuscular stimulation for restoration of hand grasp." 7 th Progress Report, NIH Contract Nol-NS-9-2356, 26-34. Case Western University & MetroHealth Medical Center. June 1991.
ROH	03	Crago, P. E., Peckham, P. H. Mansour, J. M., Lan, N., Kilgore, K. and Chizeck, H. J. (1992). "IIA. Command Control of FNS Grasp Using Wrist Position." In "Functional neuromuscular stimulation for restoration of hand grasp." 11 th Progress Report, NIH Contract Nol-NS-9-2356, 9-12. Case Western University & MetroHealth Medical Center. June 1992.
ROH	04	Handa, Y., Itchie, M., Handa, T., Takahashi, K Saito, C., Kameyama, J. & Hoshimiya, N. (1989) "FES-control of multijoint system in the paralysed upper limb." Osaka Int. Workshop on FNS. pp. 91-95, November 19, 1989.

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
RDH	U15	US2002/0039425	04/04/02	Burnett et al.	381	94.7	07/12/01
RDH	U16	US2002/0099541	07/25/02	Burnett	704	223	11/21/01
RDH	U17	US2002/0198705	12/26/02	Burnett	704	214	05/30/02
RDH	U18	US2003/0128848	07/10/03	Burnett	381	71.8	11/21/02
RDH	U19	US2003/0179888	09/25/03	Burnett et al.	381	71.8	03/05/03
RDH	U20	US2003/0228023	12/11/03	Burnett et al.	381	92	03/27/03

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
RDH	F4	WO 02/07151	07/17/01	PCT	G10L	21/00	No
RDH	F5	WO 2004/056298	11/21/02	PCT	A61F	11/06	No
RDH	F6	WO 2004/068464	01/30/04	PCT	H04R	25/00	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RDH	05	Liberson W.T., Holmquest H.J. Scott D, Dow, M.(1961) Functional electrotherapy: stimulation of the peroneal nerve synchronized with the swing phase of the gait of hemiplegic patients. Archives of Physical and Medical Rehabilitation 42: 101-105.
RDH	06	Peckham, P.K. and Kilgore, K. (1991) "II. Control of Neuromuscular Stimulation for Restoration of Hand Grasp." 9 th Progress Report, NIH Contract NO1-NS-9-2356, 38-48. Case Western University & MetroHealth Medical Center. December 1991.
RDH	07	Peckham, P.K. and Kilgore, K. (1992) "Evaluation of the Influence of Electrode Recruitment Properties on FNS Grasp Output." In "Functional Neuromuscular Stimulation for Restoration of Hand Grasp." 10 th Progress Report, NIH Contract NO1-NS-9-2356, 2. Case Western University & MetroHealth Medical Center. March 1992.
RDH	08	Peckham, P. K, Marsolais, E. B. & Mortimer, J. T. (1980) Restoration of key grip and release in the C6 tetraplegic patient through functional electrical stimulation. J. Hand Surgery, 5(5),462-469.
RDH	09	Peckham, P. H. & Keith, M. W. (1992) "Motor prostheses for restoration of upper extremity function" In "Neural Prostheses: Replacing Motor Function After Disease or Disability" eds.: Stein, R. B., Peckham, P. H. & Popovic, D. B. New York: Oxford University Press.
RDH	010	Prochazka, A. & Wiles, C. M. (1983) "Electrical stimulation of paretic leg muscles in man, allowing feedback-controlled movements to be generated from the wrist" J. Physiol. 343:20-21.
RDH	011	Rebersek, S., Stojnik, P. and Vodovnik, L (1971) "1.7 Position-controlled brace utilizing surface electrodes." In "Development of Orthotic Systems using functional electrical stimulation and myo- electric control", Progress Report, University of Ljubljana, Vodovnik, L., pp. 45-48, prepared for U.S. Dept. of Health Education and Welfare Social and Rehabilitation Service, under contract No. SRS- YUGO 23-68.

EXAMINER

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2/18/2005